

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Pa	tent of:)	
HIROSHI FUNAKUBO ET AL.		:	Examiner: J. Aguirrechea
		;	Art Unit: 2834
Appln. No.: 10/777,120)	
Filed: February 13, 2004		:)	SEP 2 7 2006 Of Correction
For:	METHOD OF PRODUCING LEAD ZIRCONATE TITANATE-BASED)	of C 27 2006
	THIN FILM, DIELECTRIC DEVICE AND DIELECTRIC THIN FILM	·)	Correction
)	
U.S. Patent No.: 7,042,141 B2		:)	
Issued:	May 9, 2006	:	September 21, 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

39/25/2325 30EXB001 02000339 /242141 81 70:1011 103.03 CP Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

Peter Saxon

Attorney for Patentees Registration No. 24,947

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

NY_Main 591978v1

UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

US 7,042,141 B2

DATED

May 9, 2006

INVENTOR(S) :

HIROSHI FUNAKUBO ET AL.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [56] REFERENCES CITED:

Foreign Patent Documents, "JP 01-220676 8/2001" should read 2001-220676 8/2001--; and "JP 03-017767 1/2003" 2003-017767 1/2003---. should read -- JP

COLUMN 1:

Line 51, "have" should read --has--.

COLUMN 2:

Line 56, " $0.43 \le y \le 0.57$ " should read $-0.43 \le y \le 0.57$ --.

COLUMN 4:

Line 13, " $0.43 \le y \le 50.65$)" should read $-0.43 \le y \le 0.65$)--.

COLUMN 6:

Line 29, "rage" should read --range--; and "rage" (second occurrence) should read --range--;

Line 30, "rage" should read --range--;

Line 31, "rage" should read --range--;

Line 35, "have shown" should read -- has shown--;

Line 45, "rage" should read --range--;

Line 46, "rage" should read --range--;

Line 49, "electrostriction" should read --piezoelectric--;

Line 53, "showed" should read --shown--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82) NY_Main 591978v1

PATENT NO. _US 7,042,141 B2

No. of add'l. copies @ 30¢ per page

_P 2 8 200**6**

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

US 7,042,141 B2

DATED

May 9, 2006

INVENTOR(S) :

HIROSHI FUNAKUBO ET AL.

Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 7:

Line 2, "if each" should read -- of each--;

Line 29, "that-such" should read --that such--; and

Line 36, "smaller tile" should read --smaller the--.

COLUMN 8:

Line 13, "a electric" should read -- an electric--;

Line 25, "do)" should read --do--; and

Line 29, "film-" should read --film--.

COLUMN 9:

Line 21, "Pb($C_{11}H_{19}O_2$," should read --Pb($C_{11}H_{19}O_2$)₂,--;

Line 32, "need" should read --needs--; and

Line 38, "following" should read --following,--.

COLUMN 10:

Line 16, "g as" should read -- gas--.

COLUMN 11:

Line 6, "numeral 10" should read -- and numeral 10--;

Line 32, "LaSrCoO₃" should read --LaSrCoO₃.--; and

Line 35, "one" should read -- ones--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82)

NY_Main 591978v1

PATENT NO. <u>US 7,042,141 B2</u>

No. of add'l. copies @ 30¢ per page





UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

US 7,042,141 B2

DATED

May 9, 2006

HIROSHI FUNAKUBO ET AL.

Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 12:

INVENTOR(S) :

Line 23, "formed" should read --formed on--.

COLUMN 13:

Line 65, "(1.00)SrTiO₃" should read --(100) SrTiO₃--.

COLUMN 14:

Line 63, "piezorestictivity-" should read --piezorestrictivity---.

COLUMN 15:

Line 4, "piezorestictivity." should read --piezorestrictivity.--;

Line 10, "piezorestictivity." should read --piezorestrictivity.;

Line 15, "y-" should read --y=--; and

Line 49, "piezorestictivity" should read --piezorestrictivity--.

COLUMN 16:

Line 39, " $0 \le x \le 1,0.43 \le y \le 0.65$ " should read $-0 \le x < 1, 0.43 \le y \le 0.65$ --.

COLUMN 17:

Line 20, "{111}" should read --{100}--;

Line 29, "claim 1," should read --claim 17,--;

Line 33, "cubic and" should read --cubic or--;

Line 35, "cubic and" should read --cubic or--; and

Line 38, "the surface" should read --a surface--.

MAILING ADDRESS OF SENDER:

PATENT NO. <u>US</u> 7,042,141 B2

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza

New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82) NY Main 591978v1

No. of add'l. copies

@ 30¢ per page

Stable Ould Stable PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. :

US 7,042,141 B2

DATED

May 9, 2006

INVENTOR(S) :

HIROSHI FUNAKUBO ET AL.

Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 18:

Line 5, "or in which" should read -- and in which--;

Line 6, "cubic and" should read --cubic or--;

Line 32, "wherein" should read --wherein the film is--;

Line 33, "crystal" should read --crystal thin--; and

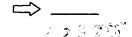
Line 38, "is or" should read --or--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82) NY_Main 591978v1 PATENT NO. <u>US 7,042,141 B2</u>

No. of add'l. copies @ 30¢ per page



Staple Here Only!

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.

US 7,042,141 B2

DATED

May 9, 2006

INVENTOR(S) :

HIROSHI FUNAKUBO ET AL.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [56] REFERENCES CITED:

Foreign Patent Documents, "JP 8/2001" should read 01-220676 --JP 2001-220676 8/2001--; and "JP 03-017767 1/2003" should read --JP 2003-017767 1/2003--.

COLUMN 1:

Line 51, "have" should read --has--.

COLUMN 2:

Line 56, " $0.43 \le y \le 0.57$ " should read $-0.43 \le y \le 0.57$ --.

COLUMN 4:

Line 13, " $0.43 \le y \le 50.65$)" should read -- $0.43 \le y \le 0.65$)--.

COLUMN 6:

Line 29, "rage" should read --range--; and "rage" (second occurrence) should read --range--;

Line 30, "rage" should read --range--;

Line 31, "rage" should read --range--;

Line 35, "have shown" should read -- has shown--;

Line 45, "rage" should read --range--;

Line 46, "rage" should read --range--;

Line 49, "electrostriction" should read --piezoelectric--:

Line 53, "showed" should read --shown--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza

New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82) NY Main 591978v1

PATENT NO. US 7,042,141 B2

No. of add'l. copies @ 30¢ per page



UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

US 7,042,141 B2

DATED

May 9, 2006

HIROSHI FUNAKUBO ET AL.

Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 7:

INVENTOR(S) :

Line 2, "if each" should read -- of each--;

Line 29, "that-such" should read --that such--; and

Line 36, "smaller tile" should read --smaller the--.

COLUMN 8:

Line 13, "a electric" should read -- an electric--;

Line 25, "do)" should read --do--; and

Line 29, "film-" should read --film--.

COLUMN 9:

Line 21, "Pb($C_{11}H_{19}O_2$," should read --Pb($C_{11}H_{19}O_2$)₂,--;

Line 32, "need" should read --needs--; and

Line 38, "following" should read --following,--.

COLUMN 10:

Line 16, "g as" should read --gas--.

COLUMN 11:

Line 6, "numeral 10" should read -- and numeral 10--;

Line 32, "LaSrCoO3" should read --LaSrCoO3.--; and

Line 35, "one" should read -- ones--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile PATENT NO. <u>US 7,042,141 B2</u>

No. of add'l. copies @ 30¢ per page

__>

Form PTO 1050 (Rev. 3-82) NY_Main 591978v1

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

US 7,042,141 B2

DATED

May 9, 2006

HIROSHI FUNAKUBO ET AL.

Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 12:

INVENTOR(S) :

Line 23, "formed" should read --formed on--.

COLUMN 13:

Line 65, "(1.00)SrTiO₃" should read --(100) SrTiO₃--.

COLUMN 14:

Line 63, "piezorestictivity-" should read --piezorestrictivity---.

COLUMN 15:

Line 4, "piezorestictivity." should read --piezorestrictivity.--;

Line 10, "piezorestictivity." should read --piezorestrictivity.;

Line 15, "y-" should read --y=--; and

Line 49, "piezorestictivity" should read --piezorestrictivity--.

COLUMN 16:

Line 39, " $0 \le x \le 1,0.43 \le y \le 0.65$ " should read $-0 \le x < 1,0.43 \le y \le 0.65$ --.

COLUMN 17:

Line 20, "{111}" should read --{100}--;

Line 29, "claim 1," should read --claim 17,--;

Line 33, "cubic and" should read --cubic or--;

Line 35, "cubic and" should read --cubic or--; and

Line 38, "the surface" should read --a surface--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO

30 Rockefeller Plaza

New York, New York 10112-3801

(212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82) NY_Main 591978v1 PATENT NO. <u>US 7,042,141</u> B2

No. of add'l. copies @ 30¢ per page

⇒ ___

28 2006.

Staple Here Only!

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. :

US 7,042,141 B2

DATED

May 9, 2006

INVENTOR(S) :

HIROSHI FUNAKUBO ET AL.

Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 18:

Line 5, "or in which" should read -- and in which--;

Line 6, "cubic and" should read --cubic or--;

Line 32, "wherein" should read --wherein the film is--;

Line 33, "crystal" should read --crystal thin--; and

Line 38, "is or" should read --or--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone

(212) 218-2200 - Facsimile

Form PTO 1050 (Rev. 3-82) NY_Main 591978v1

PATENT NO. <u>US 7,042,141 B2</u>

No. of add'l. copies @ 30¢ per page

